



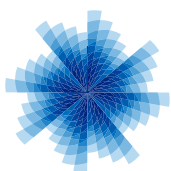
SOREK PROJECT

The World's Largest and Most Advanced SWRO Desalination Plant

Sorek sets significant new industry benchmarks in desalination technology, capacity and water cost. It provides clean, potable water for over 1.5 million people, comprising 20% of the municipal water demand in Israel, thus alleviating the country's potable water shortage while minimizing the impact on terrestrial and marine environments.

Highlights

- **Technological leadership** - innovative design incorporating vertical arrangement of 16" membranes in a large-scale facility, resulting in a reduced footprint hence saving costs. Also utilizes IDE's proprietary Pressure Center Design, Double Line Intake and ERS (Energy Recovery System) for increased efficiency and reduced energy consumption
- **Competitive pricing** - sets a new benchmark for low cost of desalinated water in BOT projects
- **Environmental responsibility** - minimizes marine, shoreline and land impacts thanks to pipe jacking of long and large diameter pipelines, smart structural design and sludge treatment for reduced energy and chemical consumption



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Overview

- **Capacity:** 624,000 m³/day
- **Technology:** Reverse Osmosis (RO)
- **Project Type:** Build-Operate-Transfer (BOT)
- **Location:** Sorek, Israel
- **Footprint:** 100,000 m² (10 ha)
- **Commission Date:** 2013



About IDE

IDE is a world leader in water treatment solutions. We specialize in the development, engineering, construction and operation of some of the world's largest and most advanced thermal and membrane desalination and industrial water treatment plants.

IDE partners with a wide range of customers - municipalities, oil & gas, mining, refineries and power stations - on all aspects of water projects, and delivers approximately 3 million m³/day of high quality water worldwide.

IDE listens first and then brings technological leadership, proven reliability and consistent delivery to all our customers. Our highly experienced and dedicated team knows that strong partnerships lead to success and growth.